



10-19-06

IAP13 Rec'd PCT/PTO 18 OCT 2006

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/524,724
Filing Date	Feb. 16, 2005
First Named Inventor	Dunckley, et al.
Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	E072 1050.1 (50718.0006.9)

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Preliminary Amendment and 1 Disk
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	<b>Remarks</b>	
	Customer number is 26158	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature			
Printed name	David S. Bradin		
Date	October 18, 2006	Reg. No.	37,783

### CERTIFICATE OF TRANSMISSION/MAILING *EL 983 774 5274S*

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Donnie S. Dietrich

Date

October 18, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)240.00

Complete if Known	
Application Number	10/524,726
Filing Date	02/16/2005
First Named Inventor	DUNCKLEY et al.
Examiner Name	To Be Assigned
Group Art Unit	1645
New Attorney Docket No.	E072 1050.1 (50718.0006.9)

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None  
 Deposit Account

Deposit Account Number **09-0528**

Deposit Account Name **Womble Carlyle Sandridge & Rice**

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee

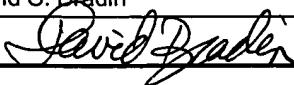
to the above-identified deposit account.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 Surcharge – late filing fee or oath
1052	50	2052	25 Surcharge – late provisional filing fee or cover sheet.
1053	130	1053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	2010	2255	1005 Extension for reply within fifth month
1401	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive – unavoidable
1453	1,330	2453	665 Petition to revive - unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	2809	385 Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385 For each additional invention to be examined (37CFR 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify) _____			
<b>SUBTOTAL (2) (\$)</b>		*Reduced by Basic Filing Fee Paid	<b>SUBTOTAL (3) (\$)</b> <b>130.00</b>

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	David S. Bradin	Registration No. (Attorney/Agent)	37,783	Telephone	1.919.484.2382
Signature			Date	October 18, 2006	

**CERTIFICATE OF MAIL**

Date of Deposit: October 18, 2006

Type of Documents: Fee Transmittal (1 org. + 1cc) = 2 pages  
Reply to Missing Parts (1org +1cc) = 2 pages  
Declaration = 3 pages  
Transmittal Letter (1 org. + 1cc) = 2 pages  
Copy of Notification of Missing Parts = 2 pages  
Preliminary Amendment 8 pages  
1 Disk  
Return Postcard

Total Number of Pages submitted 19 pages

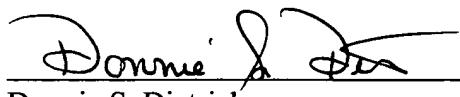
Title: Modified Tailed Oligonucleotides

Serial No. 10/524,724

Filing Date: February 16, 2005

I hereby certify that the above documents are being mailed in an envelope by First Class  
mail to:

**Commissioner for Patents  
Mail Stop: Non-Fee Preliminary Amendment  
And Missing Parts  
P. O. Box 1450  
Alexandria, VA 22313-1450**

  
\_\_\_\_\_  
Donnie S. Dietrich (signature)

EL 983 774 527 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application: DUNCKLEY, M.G., et al  
Serial No.: 10/524,724  
Filed: February 16, 2005

Conf. No.: 8410  
Examiner: To be assigned  
Art Unit: 1645

For: MODIFIED TAILED OLIGONUCLEOTIDES

**REPLY TO NOTIFICATION OF MISSING REQUIREMENT UNDER 35 U.S.C. 371 IN**  
**THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) AND IN**  
**COMPLIANCE WITH 37 dfr 1.497(a) AND (b)**

In Reply to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) recently received from your offices, enclosed is the declaration of the sole-inventor, for the above-captioned application. Applicants submit a copy of the Notice and the missing parts requested and a Fee Transmittal authorizing the required fees to be charged to the deposit account of Applicants' representative.

It is believed that the foregoing and the enclosed provide a full and complete Reply to the Notice. The Examiner is invited to contact the undersigned at (919) 484-2382 regarding any question concerning this submission.

Respectfully submitted,

Date: 10/18/06

By: David Bradin  
David S. Bradin  
Reg. No. 37,783  
Attorney for Applicants

Attorney Docket No. E072.1050.1. (50718.0006.9)

WOMBLE CARLYLE SANDRIDGE & RICE, PLLC  
Post Office Box 7037  
Atlanta, Georgia 30357-0037  
Telephone: (919) 484.2382  
Facsimile: (919) 484-2084  
Customer No.: 26158